

## CLAIMS:

1. A record carrier of the disc-like optically inscribable type, having a preformed track in which an auxiliary signal comprising a sequence of codes is formed by means of a preformed track modulation, which codes comprise a sequence of address codes (AC) specifying the addresses of the track portions in which said address codes (AC) are recorded and special codes (SC) for specifying control data for controlling a recording by a recording device, wherein the preformed track comprises consecutively from an inner part of the disc :

- a program calibration area (PCA) reserved for recorder calibrating purposes,
  - a program memory area (PMA) for temporarily storing recorded user content data,
  - a lead-in area (LI) for storing definitive recorded user content data,
  - a program area (PA) for recording user data and
  - a lead-out area for indicating end of the program area(LO),
- wherein said special codes are recorded in the lead-in area and/or the lead-out area, characterized in that, the preformed track further comprises
- an extended area (XAA) preceding the program calibration area (PCA) containing special codes (SC) representing additional control information for controlling a recording by a recording device.

2. Record carrier according to claim 1, characterized in that, the extended area (XAA) comprises

- an extended information area (XIA) comprising the additional control information and
- a buffer area located between the extended information area (XAA) and the program calibration area (PCA) containing only address codes (AC).

3. Record carrier according to claim 2, wherein the address codes (AC) are represented by an absolute playback time (ATIP) relative to the start of the lead-in area (LI),

characterized in that, the buffer area covers a range of absolute playback time (ATIP) of between 1 and 2 seconds.

4. Record carrier according to claim 2 or 3, wherein the address codes (AC) are represented by an absolute playback time (ATIP) relative to the start of the lead-in area (LI), characterized in that, the extended information area (XAA) precedes the start of the lead-in area (LI) by approximately 1 minute absolute playback time (ATIP).

5. Record carrier according to one of the claims 1 - 4, wherein the sequence of address codes (AC) and special codes (SC) comprise a periodic pattern of address codes and special codes characterized in that, the pattern in the lead-in area (LI) has a predetermined positional relationship with respect to a predetermined reference address.

6. Record carrier according to claim 5, characterized in that the predetermined reference address is the start address or end address of the lead-in area (LI).

7. Record carrier according to claim 6, the periodic pattern comprising special codes (SC) separated by a first number of successive address codes (AC), characterized in that, the periodic pattern is shifted by a predetermined number of address codes (AC) with respect to the predetermined reference address.

8. Device for recording to and/or playback of a record carrier of the inscribable type as claimed in any one of the claims 5 - 7, the device comprising

- reading means for the reading the information recorded on the record carrier

and

- recording means for recording the record carrier in accordance with a recording process, the reading means comprising

- means to read the auxiliary signal recorded on the record carrier,

- selecting means for extracting the special codes and the address codes from the auxiliary signal,

- control means for controlling the recording process, characterized in that, the control means are adapted to determine the predetermined positional relationship of the periodic pattern of address codes (AC) and special codes (SC) and to read the extended area (XAA) on the record carrier upon detecting the predetermined positional relationship.

FOOTNOTES - 1144

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9. Device according to claim 8, characterized in that, the control means are adapted to initially read the special information in the lead-in area (LI) and, only upon detection of the predetermined positional relationship, subsequently the lead-out area (LO).

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